

CAST Detector Base

Part No. **CA408**



Overview

- Compatible with C-TEC's entire range of CAST addressable detectors.
- Third-party LPCB certified to the relevant parts of EN54 in conjunction with our CAST detectors.
- Easy to fit with lots of working space.
- Can be ceiling mounted in any orientation due to the true 360° degree viewing angle of the LED indicator strips on all CAST detectors.
- Integrated detector/base locking mechanism, head removal tool and ID tag.
- Simple 'click and twist' design.
- Also compatible with many of C-TEC's CAST protocol sounder VADs.
- Remote LED terminals for the optional connection to a BF318 Remote indicator.
- Optional CA408R relay base also available.



More Information

'CAST' is the world's most-advanced 'distributed intelligence' fire alarm system protocol. Conceived, designed and realised by C-TEC, it involved the creation of a powerful proprietary communication protocol (C-TEC Addressable System Technology, CAST) and multiple control panels & field devices. Its key features include:-

- 255 devices per loop.
- Autonomous decision-making for faster response times.
- Multiple type codes.
- 40V loop drive voltage.
- Two 'soft' addressing options – automatic via the panel or manual via a powerful handheld programmer.
- Powerful multi-level addressing facilitates easy device addition and swapped device identification.
- Multiple functionality at a single address

(integrated devices) via our CAST-PRO devices. • Volumes, tones & detector modes can be changed at compatible panels. • High-speed data transmission and robust data transfer. • Intrinsically EN54-13 compliant. • Geographical location of short and open circuit faults (a short circuit isolator is included as standard in every CAST field device). • Replace device function. • Future seamless integration with other CAST life safety systems reducing energy, servicing, installation and repair costs. • Designed and manufactured in the UK.

Technical Specifications

Approvals/certifications	Certified to EN54-13 by Kiwa Telefication & DBI, Certified to the relevant parts of EN54 by the LPCB as part of our CAST fire detector certifications
Supply wiring	2-wire monitored, polarity sensitive.
Connections	(1) +V In, analogue switch; (2) +V Out, analogue switch; (3) Remote LED +V; (4) 0V; (5) 0V; (6) Screen; (7) Screen. Terminals can accept up to 2.5mm fire rated cable.
Product dimensions (mm)	102.2mm diameter x 20.5mm deep.
Construction & finish	White polycarbonate rated to UL94 V-2 with bright tin plated steel terminals fitted with nickel plated steel screws/washers.
Weight	55g.